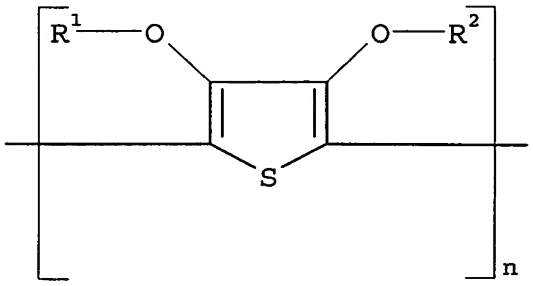
ABSTRACT

PROCESS FOR PREPARING A SUBSTANTIALLY TRANSPARENT CONDUCTIVE LAYER CONFIGURATION

A process for preparing a substantially transparent conductive layer configuration on a support, the layer configuration comprising in any order at least a first layer containing an intrinsically conductive polymer optionally containing structural units represented by formula (I):



(I)

wherein n is larger than 1 and each of R^1 and R^2 independently represents hydrogen or an optionally substituted C_{1-4} alkyl group or together represent an optionally substituted C_{1-4} alkylene group or an optionally substituted cycloalkylene group, preferably an ethylene group, an optionally alkyl-substituted methylene group, an optionally C_{1-12} alkyl- or phenyl-substituted ethylene group, a 1,3-propylene group or a 1,2-cyclohexylene group; and a second layer consisting of a non-continuous layer of conductive silver, the process comprising the step of: preparing the second layer by a photographic process; and light emitting diodes, photovoltaic devices, transistors and electroluminescent devices comprising a layer configuration prepared according to this process.